

Application No.: 09/606,350
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Amendment to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-20. (Canceled)

21. (Previously presented) A handheld wireless communication device, comprising:

a processor;

a user input device communicatively coupled to said processor;

an audio output device operatively coupled to said processor;

a wireless transmitter operatively coupled to said processor;

a wireless receiver operatively coupled to said processor;

an audio input device communicatively coupled to said processor and configured to receive voice inputs;

a memory coupled to said processor;

a computer readable medium encoded with executable instructions to cause said processor to store voice inputs received at said audio input device in said memory;

said computer readable medium encoded with executable instructions to cause said processor to retrieve a first voice input from memory and to reproduce said first voice input at said audio output device in response to receiving a user input indicating a user request to reproduce said first voice input;

said computer readable medium encoded with executable instructions to cause said processor to retrieve a second voice input from memory, to identify a command in the second voice input, and to generate a request signal, said request signal including data based, at least in part, on said command;

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said computer readable medium encoded with executable instructions to cause said processor to cause said transmitter to wirelessly transmit said request signal to a remote computer; and

wherein the remote computer is configured to process the sale of an article of commerce.

22. (Previously presented) The wireless communication device of claim 21, wherein said computer readable medium is encoded with executable instructions to cause said processor to retrieve information for purchasing from said memory and to transmit said information for purchasing to the remote computer.

23. (Previously presented) A handheld wireless communication device, comprising:

a processor;

a user input device communicatively coupled to said processor;

a wireless transmitter operatively coupled to said processor;

a wireless receiver operatively coupled to said processor;

an audio input device communicatively coupled to said processor and configured to receive a voice input, said voice input including destination information for transmitting a request relating to an article of commerce;

a memory coupled to said processor;

a computer readable medium encoded with executable instructions to cause said processor to generate a request signal including data relating to the article of commerce in response to a user input;

said computer readable medium encoded with executable instructions to cause said processor to identify the destination information in the voice input;

said computer readable medium encoded with executable instructions to cause said processor to cause said transmitter to wirelessly transmit said request signal to the destination; and

wherein the destination comprises a remote computer configured to process the sale of the article of commerce.

24. (Canceled)

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25. (Previously presented) The wireless communication device of claim 23, wherein said memory includes information for making a purchase stored therein and said computer readable medium is encoded with executable instructions to cause said processor to retrieve said information for making a purchase from said memory and to wirelessly transmit said information for making a purchase to the destination.

26. (Previously presented) The wireless communication device of claim 23, wherein said voice input further includes information corresponding to the article of commerce and said data relating to an article of commerce included in said request signal is based on said information corresponding to an article of commerce included in said voice input.

27. (Previously presented) The wireless communication device of claim 26, wherein:

said memory includes information for making a purchase stored therein; and
said computer readable medium is encoded with executable instructions to cause said processor to retrieve said information for making a purchase from said memory and to transmit said information for making a purchase to the destination.

28. (Canceled)

29. (Previously presented) The wireless communication device of claim 23, wherein the destination is an Internet destination.

30. (Canceled)

31. (Previously presented) A method of using a handheld wireless communication device, said device comprising an audio output device, an audio input device, and a memory, the method comprising:

receiving a voice message at the audio input device;
storing said voice message in the memory;
receiving a first input from the user;
audibly reproducing said voice message at the audio output device in response to receiving said first input from the user;
storing information for making a purchase in memory;

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receiving a second input from the user that comprises speech and includes an Internet address of a remote computer configured to process a sale;

in response to said second input, retrieving said information for making a purchase from memory and wirelessly transmitting said information for making a purchase to the remote computer;

receiving a third input from the user;

in response to said third user input, establishing a voice communication link with a remote device through a mobile telephone network; and

receiving voice data from the user and wirelessly transmitting data representing said voice data through said voice communication link.

32. (Canceled)

33. (Canceled)

34. (Previously presented) The method of claim 31, wherein the memory includes information for making a purchase for a plurality of accounts stored therein, the method further comprising:

selecting one of said plurality of accounts and wherein said information for making for a purchased retrieved from the memory corresponds to said selected account.

35. (Previously presented) The method claim 31, wherein said second user input comprises information relating to an article of commerce and further comprising transmitting data, based on said information relating to an article of commerce, to the remote computer.

36. (Canceled)

37. (Canceled)

38. (Canceled)

39. (Previously presented) The method of claim 35, further comprising:
transmitting a request relating to the article of commerce; and
receiving a response from the remote computer.

40. (Previously presented) The method of claim 39, wherein said request is selected from the group of a request to make a reservation and a request to purchase the article of commerce.

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41. (Previously presented) A method of using a handheld wireless communication device, said device comprising an audio input device, an image input device, and a memory, the method comprising:

- receiving a plurality of images at the image input device;
- storing said plurality of images in the memory;
- receiving a first speech input at the audio input device;
- storing data representative of said first speech input in the memory;
- identifying command information in said first speech input;
- retrieving information from memory based, at least in part, on said command information;
- generating a request signal including, at least in part, said information retrieved from memory;
- determining a destination for transmitting said request signal; and
- wirelessly transmitting said request signal through a mobile telephone network to the destination.

42. (Previously presented) The method of claim 41, wherein:
said first speech input includes information relating to an article of commerce;
and

said request signal includes data based on said information relating to said article of commerce.

43. (Previously presented) The method of claim 42, wherein said information retrieved from memory and included in said request signal includes information for making a purchase.

44. (Previously presented) The method of claim 43, wherein the memory includes information of the destination stored therein and wherein said step of determining a destination includes retrieving said information of the destination from memory.

45. (Previously presented) The method of claim 42, wherein said first speech input further includes destination information.

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46. (Previously presented) The method of claim 42, wherein said first speech input includes a request relating to the article of commerce and further comprising receiving a response to said request signal.

47. (Previously presented) The method of 46, wherein said request is selected from the group of a request to make a reservation, a request to purchase a product, and a request for information.

48. (Previously presented) The method of claim 41, wherein said speech input includes destination information.

49. (Previously presented) The method of claim 48, wherein said information retrieved from memory and included in said request signal includes information for making a purchase.

50. (Previously presented) The method of claim 48, wherein the destination is an Internet address.

51. (Previously presented) The method of claim 49, wherein said request signal includes data representing a variable value pair and said information for making a purchase is a value of said variable value pair.

52. (Previously presented) A method of using a handheld communication device, said communication device comprising a memory, the method comprising:

receiving a first speech input;

identifying information corresponding to an article of commerce in said first speech input;

determining a destination for transmitting a request relating to the article of commerce;

retrieving information for making a purchase from the memory;

generating a first signal including data based, at least in part, on said information corresponding to the article of commerce identified in said first speech input;

wirelessly transmitting said first signal to the destination;

wirelessly transmitting said information for making a purchase to the destination; and

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wherein the destination comprises a computer configured to process a sale of the article of commerce.

53. (Previously presented) The method of claim 52, wherein the memory includes information relating to the destination stored therein and said step of determining a destination comprises retrieving said information relating to the destination from memory.

54. (Previously presented) The method of claim 52, wherein said step of determining a destination comprises scanning an image.

55. (Previously presented) The method of claim 52, wherein said first speech input further includes information representative of the destination and said step of determining a destination comprises processing said first speech input to establish the destination.

56. (Currently Amended) A method of using a handheld wireless communication device, said device comprising an user input device, an image input device, and a memory, the method comprising:

receiving a plurality of images at the image input device;

storing said plurality of images in memory;

receiving second data representative of an input from the user at the user input device;

after said storing, establishing a communication link with a remote destination via a mobile telephone network;

wirelessly transmitting said plurality of images to a remote destination through a mobile telephone network via the communication link; ~~and~~

wirelessly transmitting data based on said second data to the remote destination through the mobile telephone network;

storing a voice memorandum in the memory; and

audibly reproducing the voice memorandum in response to receiving a user input to reproduce the voice memorandum.

57. (Previously presented) The method of claim 56, wherein at least one of said plurality of images includes data representative of the remote destination.

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58. (Previously presented) The method of claim 56, wherein at least one of said plurality of images comprises text data and further comprising converting said text data to text.

59. (Previously presented) The method of claim 57, wherein the remote destination is an Internet address.

60. (Previously presented) The method of claim 57, wherein at least one of said plurality of images further comprises data relating to an article of commerce.

61. (Previously Presented) The method of claim 60, wherein said input from the user includes a request selected from the group of a request to make a reservation, a request to purchase a product, and a request for information.

62. (Previously presented) The method of claim 56, wherein the memory includes information for making a purchase stored therein and at least one of said plurality of images includes information relating to an article of commerce, and further comprising:

retrieving said information for making a purchase from memory; and

wirelessly transmitting at least a portion of said information for making a purchase and data based on said information relating to an article of commerce to the remote destination through the mobile telephone network.

63. (Previously presented) The method of claim 62, wherein said information for making a purchase includes information relating to a credit card.

64. (Previously presented) The method of claim 62, wherein the memory includes user information stored therein; and further comprising:

retrieving said user information from memory; and

wirelessly transmitting at least a portion of said user information to the remote destination through the mobile telephone network.

65. (Previously presented) The method of claim 62, wherein at least one of said plurality of images further includes data representative of the remote destination.

66. (Previously presented) The method of claim 56, wherein at least one of said plurality of images includes information relating to an article of commerce.

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67. (Previously presented) The method of claim 66, wherein the memory includes information for making a purchase stored therein, and further comprising:
retrieving said information for making a purchase from memory; and
transmitting at least a portion of said information for making a purchase to the remote destination through the mobile telephone network.

68. (Previously presented) The method of claim 66, wherein the memory includes data representative of the remote destination stored therein; and further comprising retrieving said data representative of the remote destination from memory.

69. (Previously presented) The method of claim 68, wherein the memory includes information for making a purchase stored therein; and further comprising:
retrieving said information for making a purchase from memory; and
wirelessly transmitting at least a portion of said information for making a purchase to the remote destination through the mobile telephone network.

70. (Previously presented) The method of claim 56, wherein said input from the user comprises a speech input.

71. (Previously presented) The method of claim 70, wherein said speech input comprises data relating to at least one of said plurality of images.

72. (Previously presented) The method of claim 70, wherein at least one of said plurality of images comprises data relating to an article of commerce and said input from the user comprises a request relating to the article of commerce.

73. (Previously presented) The method of claim 72, wherein the memory includes information for making a purchase stored therein and at least one of said plurality of images further includes data representative of the remote destination; and further comprising:

retrieving said information for making a purchase from memory; and
wirelessly transmitting at least a portion of said information for making a purchase to the remote destination through the mobile telephone network.

74. (Previously presented) A method of using a handheld wireless communication device, said device comprising a memory, the method comprising:

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receiving a plurality of images at the image input device, at least one of said plurality of images including information of a destination for transmitting a signal;
storing the said plurality of images in memory;
receiving a user input;
generating a request signal based, at least in part, on said user input;
after said storing, establishing a communication link with the destination via a mobile telephone network; and
wirelessly transmitting said request signal through the mobile telephone network to the destination via the communication link.

75. (Previously presented) The method of claim 74, wherein at least one of the plurality of images comprises text and further comprising converting said least one image to text.

76. (Previously presented) The method of claim 75, wherein the destination is a computer configured to process the sale of an article of commerce.

77. (Previously presented) The method of claim 74, wherein said user input includes a request relating to an article of commerce.

78. (Previously presented) The method of claim 74, wherein the memory includes information for making a purchase stored therein; and further comprising:
retrieving said information for making a purchase from memory; and
wirelessly transmitting said information for making a purchase through the mobile telephone network to the destination.

79. (Previously presented) The method of claim 78, wherein said information for making a purchase includes information relating to a credit card.

80. (Previously presented) The method of claim 78, wherein at least one of said plurality of images further includes data relating to an article of commerce.

81. (Previously presented) A method of using a handheld wireless communication device, said device comprising memory storing a destination therein, the method comprising:

receiving a plurality of images at the image input device, wherein at least one of said plurality of images includes information corresponding to an article of commerce;

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storing the plurality of images in memory;
receiving a user input;
retrieving the destination;
generating a request signal including data based on said information
corresponding to the article of commerce in response to said user input;
after said storing and said retrieving, establishing a communication link with
the destination via a mobile telephone network; and
wirelessly transmitting said request signal through the mobile telephone
network to the destination via the communication link.

82. (Previously presented) The method of claim 81, wherein said user
input comprises a speech input.

83. (Previously presented) The method of claim 81, wherein the
destination comprises a computer configured to process the sale of the article of
commerce.

84. (Previously presented) The method of claim 81, wherein the memory
includes information for making a purchase stored therein; and further comprising:
retrieving said information for making a purchase from memory; and
wirelessly transmitting at least a portion of said information for making a
purchase through a mobile telephone network to the destination.

85. (Previously presented) The method of claim 81, further comprising:
establishing a voice communication link with a remote device through a
mobile telephone network;
receiving voice data from the user; and
wirelessly transmitting data representing said voice data through said voice
communication link.

86. (Canceled)

87. (Previously presented) The method of claim 41, further comprising:
establishing a voice communication link with a remote device through a
mobile telephone network;
receiving voice data from the user; and

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wirelessly transmitting data representing said voice data through said voice communication link.

88. (Previously presented) The method of claim 52, further comprising:
establishing a voice communication link with a remote device through a mobile telephone network;
receiving voice data from the user; and
wirelessly transmitting data representing said voice data through said voice communication link.

89. (Previously presented) The method of claim 56, further comprising:
establishing a voice communication link with a remote device through a mobile telephone network;
receiving voice data from the user; and
wirelessly transmitting data representing said voice data through said voice communication link.

90. (Previously presented) The method of claim 74, further comprising:
establishing a voice communication link with a remote device through a mobile telephone network;
receiving voice data from the user; and
wirelessly transmitting data representing said voice data through said voice communication link.

91. (Previously presented) The wireless communication device of claim 23, wherein said computer readable medium is encoded with executable instructions to cause said processor to store a voice memorandum in said memory and to retrieve and reproduce the voice memorandum at said audio output device in response to receiving a user request to reproduce the voice memorandum.

92. (Currently amended) The method of claim 41, further comprising:
storing a voice memorandum in the memory; and
audibly reproducing the voice memorandum in response to receiving a user input to reproduce the voice memorandum.

93. (Canceled)

94. (Currently amended) The method of claim 74, further comprising:

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storing a voice memorandum in the memory; and
audibly reproducing the voice memorandum in response to receiving a user
input to reproduce the voice memorandum.

95. (Currently amended) The method of claim 81, further comprising:
storing a voice memorandum in the memory; and
audibly reproducing the voice memorandum in response to receiving a user
input to reproduce the voice memorandum.